

I. AMENDMENTS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (Currently amended) A method for modulating body organ functioning, comprising the steps of:

collecting a plurality of waveforms from an autonomic nervous network in a body that are naturally generated in said body, said plurality of waveforms including instructions being that are operative in the regulation of a function [[of]] associated with at least [[one]] a first body organ;

storing said collected plurality of waveforms in a storage medium, ~~said step of storing said collected plurality of waveforms including storing said collected plurality of waveforms~~ according to said function regulated by said ~~collected plurality of waveforms~~ instructions; ~~[[and]]~~

selecting at least a first waveform from said collected plurality of waveforms, said first waveform including at least a first instruction that is operative in said regulation of said body organ function; and

transmitting ~~at least one of said collected plurality of waveforms~~ said first waveform to said body organ to regulate said body organ function.

Claims 2-5. (Canceled)

Claim 6. (Currently amended) An apparatus for modulating body organ functioning, comprising:

a source of collected waveforms that are naturally generated in a body and carried by neurons in said body, said collected waveforms ~~being~~ including instructions that are operative in the regulation of a function ~~[[of]]~~ associated with at least one body organ, said source including a storage medium for storing said collected waveforms according to said function regulated by said collected waveforms;

means for selecting at least a first waveform from said collected waveforms, said first waveform ~~being~~ including at least a first instruction that is operative to regulate said function associated with said body organ; and

means for transmitting said first waveform to said body organ to regulate said organ function.

Claims 7-10. (Canceled)

Claim 11. (Previously presented) The apparatus of Claim 6, further including a sensor for collecting said waveforms from said body.

Claims 12-14. (Canceled)

Claim 15. (Previously presented) The apparatus of Claim 6, wherein said means for transmitting said first waveform to said body organ comprises a body electrode.

Claims 16-22. (Canceled)

Claim 23. (Previously presented) The method of Claim 1, wherein said autonomic nervous network comprises the vagus nerve.

Claim 24. (Previously presented) The method of Claim 1, wherein said autonomic nervous network comprises the hypoglossal nerve bundle.

Claim 25. (Currently amended) A method for modulating body organ functioning in a body having an autonomic nervous network, comprising the steps of:

collecting a plurality of waveforms that are naturally generated in said body, said plurality of waveforms ~~being~~ including instructions that are operative in the regulation of a function [[of]] associated with at least one body organ;

storing said collected plurality of waveforms in a storage medium, ~~said step of storing said collected plurality of waveforms including storing said collected plurality of waveforms~~ according to said function regulated by said collected plurality of waveforms; [[and]]

selecting at least a first waveform from said collected plurality of waveforms, said first waveform including at least a first instruction that is operative in said regulation of said body organ function; and

transmitting ~~at least one of said collected plurality of waveforms~~ said first waveform to said autonomic nervous network to regulate said body organ function.

Claim 26. (Previously presented) The method of Claim 25, wherein said autonomic nervous network comprises the vagus nerve.

Claim 27. (Previously presented) The method of Claim 25, wherein said autonomic nervous network comprises the hypoglossal nerve bundle.